

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A device comprising first (10, 26, 32, 37, 55, 61, 70, 80) and second (11, 27, 33, 38, 56, 62, 71, 81) layers wherein:

the first layer is flexible; and
the second layer is substantially flat and meanders across the plane of the first layer so as to prevent fracture of the second layer when the first layer is deformed.

Claim 2 (original): A device according to claim 1, wherein the second layer is in contact with the first layer over substantially the whole of the length of the second layer.

Claim 3 (previously presented): A device according to claim 1, wherein the second layer comprises a plurality

of interconnected portions (12, 13, 28, 29, 35, 39, 57, 63, 72, 82).

Claim 4 (original): A device according to claim 3, wherein the portions are arranged in aligned sets, the portions being connected to one another so as to provide a continuous path between first and second ends of the second layer.

Claim 5 (original): A device according to claim 4, wherein the aligned sets are offset from one another.

Claim 6 (previously presented): A device according to claim 4, wherein the portions are connected to one another by a connecting element (15, 30, 40, 58, 64) that is narrower than the portions being connected.

Claim 7 (original): A device according to claim 6, wherein the portions are aligned in a longitudinal direction and the connecting element (15, 30, 40, 58, 64) is disposed to be substantially perpendicular to said direction.

Claim 8 (previously presented): A device according to claim 3, wherein the interconnected portions (12, 13, 39, 82), comprise rectangular portions.

Claim 9 (previously presented): A device according to claim 4, wherein the portions (12, 13, 28, 29, 35, 39, 63, 72) are connected to one another at their respective ends.

Claim 10 (previously presented): A device according to claim 4, containing two aligned sets of interconnected portions (12, 13, 28, 29, 35).

Claim 11 (previously presented): A device according to claim 3, wherein the interconnected portions (28, 29, 35) comprise semi-circular portions.

Claim 12 (previously presented): A device according to claim 3, wherein the interconnected portions (12, 13, 39, 63, 72) comprise substantially quadrilateral portions.

Claim 13 (previously presented): A device according to claim 3, wherein the interconnected portions (57) comprise substantially hexagonal portions.

Claim 14 (previously presented): A device according to claim 3, wherein the interconnected portions (39, 57, 63, 72) are arranged in an array of interconnected portions.

Claim 15 (previously presented): A device according to claim 12, wherein at least one of said interconnected portions is connected to three or more other portions.

Claim 16 (original): A device according to claim 3, wherein the second layer (81) comprises a random arrangement of portions (82) connected to one another so as to provide a continuous path between first and second ends of the second layer.

Claim 17 (previously presented): A device according to claim 3, wherein each of the portions has a length, the portion length being selected to prevent fracture when

the first layer is deformed to a predetermined radius of curvature.

Claim 18 (original): A device according to claim 17, wherein the portion length is selected to be less than a predetermined length, the predetermined length being dependent on the average length between cracks (25) for a continuous layer deformed to the predetermined radius of curvature.

Claim 19 (previously presented): A device according to claim 1, wherein the first layer is a substrate.

Claim 20 (original): A device according to claim 19, wherein the substrate comprises polycarbonate.

Claim 21 (previously presented): A device according to claim 1, wherein the second layer is a coating on the first layer.

Claim 22 (original): A device according to claim 21, wherein the second layer comprises a transparent conductor.

Claim 23 (previously presented): A device according to claim 21, wherein the second layer comprises a conductive oxide.

Claim 24 (original): A device according to claim 23, wherein the conductive oxide comprises indium tin oxide.

Claim 25 (previously presented): A device according to claim 3, wherein the portions are interconnected to provide a continuous path for an electric current.

Claim 26 (previously presented): A device according to claim 1, comprising a third layer covering a portion of said the second layer.

Claim 27 (original): A device according to claim 26, wherein said third layer is Poly-3,4-Ethylenedioxythiophene.

Claim 28 (previously presented): A device according to claim 3, comprising a display.

Claim 29 (original): A device according to claim 28, comprising an electroluminescent display.

Claim 30 (original): A device according to claim 28, comprising a foil display.

Claim 31 (original): A device according to claim 28, comprising a liquid crystal display device.

Claim 32 (original): A device according to claim 31, wherein each of the portions has a length, the portion length being dependent on the spacing and size of pixels in the liquid crystal display device.

Claim 33 (previously presented): A device according to claim 31, wherein the liquid crystal display device comprises an active matrix device.

Claim 34 (previously presented): A device according to claim 31, wherein the liquid crystal display device comprises a passive matrix device.

Claim 35 (original): A device according to claim 33, wherein the active matrix liquid crystal display device comprises a plurality of spaced apart pixels (85, 86, 87) and the second layer comprises an electrode (84) which is arranged to meander periodically between the pixels, the period of the meander being dependent on the pixel spacing.

Claim 36 (original): A device according to claim 35, wherein the period of the meander is an integer multiple of the pixel spacing.

Claim 37 (original): A device according to claim 1, wherein the second layer comprises a brittle material.

Claim 38 (original): A method of fabricating a device comprising first (10, 26, 32, 37, 55, 61, 70, 80) and second (11, 27, 33, 38, 56, 62, 71, 81) layers wherein

the first layer is flexible and the second layer is substantially flat and meanders across the plane of the first layer so as to prevent fracture of the second layer when the first layer is deformed, the second layer comprising a plurality of interconnected portions (12, 13, 28, 29, 35, 39, 57, 63, 72, 82) each having a portion length, the method including selecting the portion length to prevent fracture when the first layer is deformed to a predetermined radius of curvature.

Claim 39 (original): A method according to claim 38, further comprising determining a spacing between fractures (25) for a continuous layer (24) of material when deformed to a predetermined radius of curvature, and selecting the portion length to be a value that is dependent on the determined spacing.

Claim 40 (original): A method according to claim 39, comprising determining an average spacing between the fractures (25).

Claim 41 (withdrawn): A device comprising a layer (38, 56, 62, 71) on a flexible substrate, the layer comprising a plurality of conductive islands (39, 57, 63), each island being multiply connected to one or more other islands so as to form a conductive path across the substrate.

Claim 42 (withdrawn): A device according to claim 41, wherein the islands are substantially hexagonally shaped.

Claim 43 (withdrawn): A device according to claim 41, wherein the islands are of a substantially quadrilateral shape.

Claim 44 (withdrawn): A device according to claim 41,
wherein the layer comprises a transparent conductor

Claim 45 (withdrawn): A device according to claim 41, wherein the layer comprises a polymeric conductor.

Claim 46 (withdrawn): A device according to claim 41,
comprising a further layer coated onto the layer

Claim 47 (withdrawn): A device according to claim 46, wherein the further layer comprises a polymeric conductor.

Claim 48 (new): A device comprising a layer on a flexible substrate, the layer comprising a plurality of interconnected conductive portions, each portion being multiply connected to one or more other conductive portions so as to form a meandering conductive path across the substrate, whereby fracture of the layer when the substrate is deformed is avoided.

Claim 49 (new): A device according to claim 48, wherein the interconnected conductive portions are substantially hexagonal or substantially quadrilateral.

Claim 50 (new): A device according to claim 48, wherein each of the interconnecting portions has a length, the portion length being selected to prevent fracture when the substrate is deformed to a predetermined radius of curvature.

Claim 51 (new): A device according to claim 50, wherein
the portion length is selected to be less than a
predetermined length, the predetermined length being
dependent on the average length between cracks (25) for a
continuous layer deformed to the predetermined radius of
curvature.